REMARKS

An offset 432 is calculated in the Law cited reference according to the office action. As explained in paragraph 31 of the cited reference, once the device detects a synchronization packet 420, it then listens for data packet 422, followed by synchronization packet 420 by a specified offset 432. The office action notes that this teaches detecting a synchronization packet, followed by a data packet, and measuring the time offset between the two. The Examiner also points out that the offset 432 is illustrated in Figure 4.

The office action goes on to contend that this measurement, based on pre-exchanged information, is used in the future in a lookup table to avoid the exchange of information such as the type of data being transmitted, data priority, identification of device transmitting, etc., citing Law, paragraphs 32-34. However, it is respectfully submitted that there is nothing to support this assertion in Law and, in fact, the asserted operation is technically impossible.

The reason for determining the offset is to identify the transmitting device. Each transmitting device has a characteristic offset which is set forth in the table.

Suppose a receiving device has identified the transmitting device by its offset 432. It then receives another communication. However, without calculating the offset again, the receiving device has no idea about the identity of the transmitting device. Thus, the receiving device still must calculate the offset again and look the offset up in the table to determine the transmitting device. If the receiving device simply saved the offset that was calculated and assumed it was good for the next transmission without checking to determine what the offset really was, the receiving device would commonly misidentify the transmitting device. Thus, the asserted operation of the cited reference would not work.

Moreover, Law suggests no such implausible approach. For example, in paragraph 33, he indicates that the offset 432 may be used to identify the type of data being transmitted. For example, data packets may originate from the same wireless devices and the offsets may identify a characteristic. But this does not indicate that the offsets can be stored and never recalculated. It simply indicates that the offsets have to be measured and then compared in a lookup table to see what the transmitting device is and then may be used as proposed. See paragraph 32 where it indicates that the lookup table does not store the offsets just measured, but, instead, a table of offsets that correlate all wireless devices which transmit data packets to their offsets is stored.

In view of these remarks, reconsideration is respectfully requested.

Respectfully submitted,

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